

Title (en)
SiAlON ceramics

Title (de)
SiAlON-Keramik

Title (fr)
Céramiques de SiAlON

Publication
EP 2692711 A1 20140205 (EN)

Application
EP 13178177 A 20130726

Priority

- EP 12179041 A 20120802
- EP 12185237 A 20120920
- EP 13178177 A 20130726

Abstract (en)
The invention concerns \pm -²-SiAlON ceramics with improved properties.

IPC 8 full level
C04B 35/584 (2006.01); **C04B 35/597** (2006.01)

CPC (source: EP)
C04B 35/597 (2013.01); **C04B 35/645** (2013.01); **C04B 2235/3208** (2013.01); **C04B 2235/3217** (2013.01); **C04B 2235/3224** (2013.01); **C04B 2235/3225** (2013.01); **C04B 2235/3826** (2013.01); **C04B 2235/3843** (2013.01); **C04B 2235/3865** (2013.01); **C04B 2235/3869** (2013.01); **C04B 2235/3878** (2013.01); **C04B 2235/3895** (2013.01); **C04B 2235/662** (2013.01); **C04B 2235/766** (2013.01); **C04B 2235/81** (2013.01); **C04B 2235/85** (2013.01); **C04B 2235/94** (2013.01); **C04B 2235/95** (2013.01); **C04B 2235/96** (2013.01)

Citation (applicant)

- DE 102010043927 A1 20110728 - CERAMTEC GMBH [DE]
- EP 1414580 B1 20071010 - MANDAL HASAN [TR], et al

Citation (search report)

- [X] GB 2157282 A 19851023 - SANTRADE LTD
- [X] EP 0741115 A1 19961106 - BAYER AG [DE], et al
- [X] WO 02070419 A2 20020912 - MANDAL HASAN [TR], et al
- [X] WO 2012085050 A1 20120628 - SANDVIK INTELLECTUAL PROPERTY [SE], et al
- [X] EP 1939155 A2 20080702 - SANDVIK INTELLECTUAL PROPERTY [SE]
- [X] WO 0002829 A2 20000120 - KENNAMETAL INC [US]
- [X] WO 2006097411 A1 20060921 - DIAMORPH CERAMIC AB [SE], et al
- [X] WO 2011058176 A1 20110519 - CERAMTEC GMBH [DE], et al

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2692711 A1 20140205; EP 2692711 B1 20190814

DOCDB simple family (application)
EP 13178177 A 20130726